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tt. Le	a gc u Al		gg ta rp Ty 35	it ca yr Gl	ag ca In Gl	ag aa In Ly	aa ca /s Gl 4	g gg n Gl 0	ga a .y L	aa ys	tct Ser	cc Pr	t ca o Gl 4	n Le	tc d	ctg Leu	gtc Val	144
ta: Ty:	t aa r As: 5		a aa .a Ly	ia ac 7s Th	c tt ir Le	u 111	a ga r Gl 5	a gg u Gl	rt g .y V	tg al	cca Pro	tc: Se:	r Ar	g tt g Ph	ic a	igt Ser	ggc Gly	1,92
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gaa Glu	gat Asp	: tt > Ph	t gg e Gl	g aa y As: 8	11 гу	t tt r Ph	c tg e Cy:	t ca s Gl:	n Hi	at is 90	cat His	tat Tyr	gat Asp	ac Th	r P	ct ro . 95	cgg Arg	288
acg Thr	ttc Phe	: gg : Gl	t gg y Gl 10	A GT	g aco y Th:	c aad r Ly:	g cto s Leu	g gaa 1 Glu 105	ı Il	a a Le 1	aaa Lys	С						322
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Glu	Thr	Val	Thr 20	Ile	·Thr	Cys	Arg	Ala 25	Se	r G	lu ,	Asn	Ile	Tyr 30		r T	yr	
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Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Gln Phe Ser 50 60

Leu Lys Ile Asn Ser Leu Gln Pro Glu Asp Phe Gly Asn Tyr Phe Cys
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Val His Ser Gln Val Gln Leu Gln Gln Pro Gly Ala Gly Arg Val Arg
20 25 30

cct gga gct tca gtg aag ctg tcc tgc aag gct tct ggc tac tcc ttc $$ 144 Pro Gly Ala Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Ser Phe $$ 35 $$ 40 $$ 45

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Thr Ser Tyr Trp Met Asn Trp Val Lys Gln Arg Pro Gly Gln Gly Leu
50 55 60

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cag aag ttc aac gac agg gcc aca ttg act gtt gac aaa tat tcc agc 288 Gln Lys Phe Asn Asp Arg Ala Thr Leu Thr Val Asp Lys Tyr Ser Ser 85 90 95

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Thr Ala Tyr Ile Gln Leu Ser Ser Pro Thr Ser Glu Asp Ser Ala Val
100 105 110

tat tac tgt gca aga gga gaa tat tac tac ggt ata ttt gac tac tgg 384
Tyr Tyr Cys Ala Arg Gly Glu Tyr Tyr Gly Ile Phe Asp Tyr Trp
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130 135

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25

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gat Asp 65	ser	gaa Glu	act Thr	agg Arg	tta Leu 70	Asn	cag Gln	aag Lys	ttc Phe	aac Asr 75	n Asp	agg Arg	gcc Ala	aca Thr	ttg Leu 80	241
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aca Thr	tct Ser	gag Glu	gac Asp 100	Ser	gcg Ala	gtc Val	tat Tyr	tac Tyr 105	Cys	gca Ala	aga Arg	gga Gly	gaa Glu 110	Tyr	tac Tyr	337
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gct Ala 465	gcc Ala	act Thr	tat Tyr	tac Tyr	tgc Cys 470	caa Gln	cag Gln	tgg Trp	agt Ser	agt Ser 475	aac Asn	ccg Pro	ctc Leu	acg Thr	ttc Phe 480	1497
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				85					90		-	_		95	-	
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Thr	Ser	195 Glu	Asp	Ser	م A I	Val	200 Tur	Tur	Cve	د ۱ ۵	Δεσ	205 Gl v	Glu	Tur	ጥ ህም	
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Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser
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Leu Glu Met Ser Gly Gly Ser Leu Ala Ala Leu Thr Ala His Gln
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Ala Cys His Leu Pro Leu Glu Thr Phe Thr Arg His Arg Gln Pro Arg
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ggc tgg gaa caa ctg gag cag tgc ggc tat ccg gtg cag cgg ctg gtc
Gly Trp Glu Gln Leu Glu Gln Cys Gly Tyr Pro Val Gln Arg Leu Val
                                                                   336
            100
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		acc Thr													Val	768
-		cgc Arg	-	_	-		-				_					816
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		cgc Arg														912
		tcg Ser		Leu												960
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                        375
ccg tcc agc atc ccc gac aag gaa cag gcg atc agc gcc ctg ccg gac
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385
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Arg Pro Leu Pro Arg Ala His Ile Lys Glu Tyr Phe Tyr Thr Ser Gly
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Lys Cys Ser Asn Pro Ala Val Val Phe Val Thr Arg Lys Asn Arg Gln
Val Cys Ala Asn Pro Glu Lys Lys Trp Val Arg Glu Tyr Ile Asn Ser
                         55
Leu Glu Met Ser Gly Gly Gly Ser Leu Ala Ala Leu Thr Ala His Gln
                                         75
                     70
Ala Cys His Leu Pro Leu Glu Thr Phe Thr Arg His Arg Gln Pro Arg
Gly Trp Glu Gln Leu Glu Gln Cys Gly Tyr Pro Val Gln Arg Leu Val
                                105
                                                    110
Ala Leu Tyr Leu Ala Ala Arg Leu Ser Trp Asn Gln Val Asp Gln Val
                            120
                                                125
Ile Arg Asn Ala Leu Ala Ser Pro Gly Ser Gly Gly Asp Leu Gly Glu
                        135
                                            140
Ala Ile Arg Glu Gln Pro Glu Gln Ala Arg Leu Ala Leu Thr Leu Ala
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                    150
Ala Ala Glu Ser Glu Arg Phe Val Arg Gln Gly Thr Gly Asn Asp Glu
                                    170
                165
Ala Gly Ala Ala Asn Gly Pro Ala Asp Ser Gly Asp Ala Leu Leu Glu
                                185
Arg Asn Tyr Pro Thr Gly Ala Glu Phe Leu Gly Asp Gly Asp Val
                            200
                                                 205
Ser Phe Ser Thr Arg Gly Thr Gln Asn Trp Thr Val Glu Arg Leu Leu
                                            220
                        215
Gln Ala His Arg Gln Leu Glu Glu Arg Gly Tyr Val Phe Val Gly Tyr
                    230
                                        235
His Gly Thr Phe Leu Glu Ala Ala Gln Ser Ile Val Phe Gly Gly Val
                245
                                    250
Arg Ala Arg Ser Gln Asp Leu Asp Ala Ile Trp Arg Gly Phe Tyr Ile
                                265
Ala Gly Asp Pro Ala Leu Ala Tyr Gly Tyr Ala Gln Asp Gln Glu Pro
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	275	•				280					285			
Asp Al 29		Gly	Arg	Ile	Arg 295	Asn	Gly	Ala	Leu	Leu 300	Arg	Val	Tyr	Val
Pro Ar 305	g Ser	Ser	Leu	Pro 310	Gly	Phe	Tyr	Arg	Thr 315	Ser	Leu	Thr	Leu	Ala 320
Ala Pr	o Glu	Ala	Ala 325	Gly	Glu	Val	Glu	Arg 330	Leu	Ile	Gly	His	Pro 335	Leu
Pro Le	u Arg	Leu 340	Asp	Ala	Ile	Thr	Gly 345	Pro	Glu	Glu	Glu	Gly 350	Gly	Arg
Leu Gl	u Thr 355	Ile	Leu	Gly	Trp	Pro 360	Leu	Ala	Glu	Arg	Thr 365	Val	Val	Ile
Pro Se		Ile	Pro	Thr	Asp 375	Pro	Arg	Asn	Val	Gly 380	Gly	Asp	Leu	Asp
Pro Se 385	r Ser	Ile	Pro	Asp 390	Lys	Glu	Gln	Ala	Ile 395	Ser	Ala	Leu	Pro	Asp 400
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Thr Thr Leu Thr Val Ser Ser Val Glu
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Thr Met His Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile 35 40 45

Gly Tyr Ile Asn Pro Ser Arg Gly Tyr Thr Asn Tyr Asn Gln Lys Phe 50 55 60

Lys Asp Lys Ala Thr Leu Thr Thr Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Val Tyr Tyr Cys 85 90 95

Ala Arg Tyr Tyr Asp Asp His Tyr Cys Leu Asp Tyr Trp Arg Gln Gly
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Thr Thr Leu Thr Val Ser Ser Val Glu
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cca ggg gag aag gtc acc atg acc tgc aga gcc agt tca agt gta agt
Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser Ser Val Ser
20 25 30

tac atg aac tgg tac cag cag aag tca ggc acc tcc ccc aaa aga tgg 144

Tyr Met Asn Trp Tyr Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg Trp 192 att tat gac aca tee aaa gtg get tet gga gte eet tat ege tte agt Ile Tyr Asp Thr Ser Lys Val Ala Ser Gly Val Pro Tyr Arg Phe Ser 55 ggc agt ggg tot ggg acc toa tac tot oto aca atc agc agc atg gag Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met Glu 65 288 qct gaa gat gct gcc act tat tac tgc caa cag tgg agt agt aac ccg Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn Pro 85 ctc acg ttc gga gct ggg acc aag ctg gag ctg aaa 324 Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys 100 <210> 28 <211> 108 <212> PRT <213> Mus sp. <400> 28 Val Asp Asp Ile Gln Leu Thr Gln Ser Pro Ala Ile Met Ser Ala Ser Pro Gly Glu Lys Val Thr Met Thr Cys Arg Ala Ser Ser Ser Val Ser Tyr Met Asn Trp Tyr Gln Gln Lys Ser Gly Thr Ser Pro Lys Arg Trp Ile Tyr Asp Thr Ser Lys Val Ala Ser Gly Val Pro Tyr Arg Phe Ser 55 50 Gly Ser Gly Ser Gly Thr Ser Tyr Ser Leu Thr Ile Ser Ser Met Glu 75 Ala Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Trp Ser Ser Asn Pro Leu Thr Phe Gly Ala Gly Thr Lys Leu Glu Leu Lys 105 100 <210> 29 <211> 11 <212> PRT <213> Artificial Sequence

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